

6/25/2004

Application No. 10/065,041

Reply to Office Action of 03/25/2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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Listing of Claims:

Claim 1 (Currently Amended): A multi-frequency ~~monopole~~ antenna for a wireless device, the antenna comprising:

10 a substantially rectangular first conductor plate having a width between a first edge and a second edge thereof and a height between a third edge and a fourth edge thereof, ~~the first conductor plate producing a first resonance band corresponding to the length from the first edge to the second edge, and~~
15 ~~producing a second resonance band corresponding to the length from the first edge to the second edge and back to the first edge plus a portion of the height; and~~

a substantially L-shaped second conductor plate comprising a first end connected to a feeding terminal and further comprising a
20 second end connected to the first edge of the first conductor plate for feeding signals of a the first resonance band and a the second resonance band from the feeding terminal to the first conductive plate;[[.]]

wherein the first conductor plate produces the first resonance band
25 corresponding to the width and the second resonance band corresponding to a length of two times the width plus a portion of the height.

Claim 2 (Original): The antenna of claim 1, wherein the antenna
30 produces resonance at a first frequency in the first resonance band,

6/25/2004

Application No. 10/065,041

Reply to Office Action of 03/25/2004

the antenna produces resonance at a second frequency in the first resonance band, the antenna produces resonance at a third frequency in the second resonance band.

5 Claims 3-9 (Cancelled)

Claim 10 (Currently Amended): The antenna of claim [[9]] 1 wherein the feeding terminal is directly connected to an RF module of the wireless device.

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Claim 11 (Cancelled)